ABSTRACT

Fra-1 serves as a target for diagnosing and treating glioblastoma multiforme and related brain cancers. Cancer in a brain tissue sample is detected by analyzing expression of Fra-1 in the sample. Brain cancer is treated by modulating Fra-1 gene expression in cells of the cancer, and by inhibiting angiogenesis associated with the

5   cancer by interfering with Fra-1 binding to a VEGF-D promoter.